

Abstract of the disclosure

Telecommunications system for transmitting images

On the transmission side, an image, for example a black-and-white individual image, is picked up and stored on request by a simple camera, for example with a wide-angle lens and optical viewfinder. The image data of the image message are suitably compressed and subsequently coded with a telecommunications-channel-specific code and transmitted, preferably unidirectionally, indirectly or directly to a telecommunications network (for example a wired or wireless telephone network). On the reception side, the image data are accepted - in a way corresponding to the process on the transmission side - either directly or indirectly. After decompression and decoding, the image data are stored in a screen store and transmitted to the screen, for example an LCD flat screen, according to the instructions of a screen controller. Both the transmission device and the reception device can thus be designed to be compact -for the purpose of fast image transmission combined with a simple switching and programming structure -, mobile and independent of telecommunications channels.

Figure 1

ABSTRACT

On the transmission side, an image, for example a black-and-white individual image, is picked up and stored on request by a simple camera, for example with a wide-angle lens and optical viewfinder. The image data of the image message are suitably compressed and subsequently coded with a telecommunications-channel-specific code and transmitted, preferably unidirectionally, indirectly or directly to a telecommunications network (for example a wired or wireless telephone network). On the reception side, the image data are accepted - in a way corresponding to the process on the transmission side - either directly or indirectly. After decompression and decoding, the image data are stored in a screen store and transmitted to the screen, for example an LCD flat screen, according to the instructions of a screen controller. Both the transmission device and the reception device can thus be designed to be compact -for the purpose of fast image transmission combined with a simple switching and programming structure - mobile and independent of telecommunications channels.